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	Do	ocument	ID	Issue Date	Pages	Title
1	US	6249672	В1	20010619	8	Portable telephone
2	US	6249256	B1	20010619	77	Radiation shielding and range extending antenna assembly
3	US	6243447	B1	20010605	18	Self-service checkout system utilizing portable communications terminal
4	US	6239754	В1	20010529	14	Automatic retractable antenna system in portable phone
5	US	6232937	В1	20010515	67	Low power active display system
6	US	6226501	B1	20010501	10	Radiotelephone having a primary keypad and a movable flip cover that contains a secondary
7	us	6223060	B1	20010424	14	keypad Voice message recorder and limited range transmitter for use with
8	US	6208874	B1	20010327	22	telephones Telephone assembly with automatic antenna adjustment
9	US	6195839	B1	20010306	33	Hinged detent
10	US	6181954	B1	20010130	47	Method and apparatus for image capture, compression and transmission of a visual image over telephonic or radio transmission system
11	US	6178388	В1	20010123	5	Method and apparatus for calibrating a resistive ladder switching matrix
12	US	6158341	A	20001212	16	Method for transferring a picture to a surface
13	US	6157717	A	20001205	11	Snap hinge mechanism for flip style portable phone
14	บร	6148079	A	20001114	8	Hinge apparatus for flip style portable phone

07/17/2001, EAST Version: 1.02.0008

	Document ID	Issue Date	Pages	Title
63	JP 09321839 A	19971212		Mobile phone with flip mechanism - has main function keys exposed
	07321033 A			outside whose operations are altered based on open/close state of
64	US 5832079 A	19981103	5	flip mechanism Acoustic horn for cellular flip phone - is formed as interior cavity of
				planar pivotable element covering keypad

	Current OR	Current XRef
1	455/90	455/550 ; 455/575 ; D14/137 ; D14/138
2	343/702	343/841
3	379/93.12	379/110.01
4	343/702	343/766 ; 343/901
5		345/100 ; 345/95 ; 345/96
6	455/90	341/22 ; 455/575
7	455/569	455/345 ; 455/557
8	455/550	455/575 ; 455/90
9	16/334	16/328 ; 16/329 ; 400/489 ; 400/682
10	455/557	455/566
11	702/107	341/22
12	101/170	101/35 ; 101/483
13	379/433.13	
14	379/433.13	

	Do	cument	ID	Issue Date	Pages	Title
15	US 6	147649	A	20001114	6	Directive antenna for mobile telephones
16	US 6	137883	Α	20001024	19	Telephone set having a microphone for receiving an acoustic signal via
17	US 6	135582	A	20001024	10	keypad Communication device housing interconnect
18	US 6	131121	A	20001010	50	Point-to-point computer network communication utility utilizing
						dynamically assigned network protocol addresses
19	US 6	112077	Α	20000829	9	Nonreusable cellular telephone
20	US 6	095820	Α	20000801	76	Radiation shielding and range extending antenna assembly
21	US 6	094642	A	20000725	22	Integrated data collection and transmission system and method of
22	US 6	085078	A	20000704	7	tracking package data Vehicular audio system incorporating detachable cellular telephone
23	US 6	073006	A	20000606	14	Method and apparatus for detecting and preventing fraud in a satellite
						communication system
24	US 60	073034	Α	20000606	54	Wireless telephone display system

	Current OR	Current XRef
15	343/700MS	343/702
16	379/433.07	
17	312/223.1	
18	709/227	
19	455/407	379/111 ; 455/343 ; 455/409 ; 455/410 ; 455/565
20	343/702	343/790 ; 343/791 ; 343/818 ; 343/819 ; 343/841 ; 455/575 ; 455/90
21	705/28	235/385 ; 235/435 ; 340/825.49
22	455/345	455/90
23	455/410	455/427 ; 455/428
24	455/566	345/102 ; 345/103 ; 379/428 ; 379/433 ; 379/433.04 ; 455/556 ; 455/557 ; 455/575 ; 455/90

	Document	ID	Issue Date	Pages	Title
25	US 6058298	A	20000502	7	Vehicular audio system incorporating detachable cellular telephone
26	US 6052464	A	20000418	20	Telephone set having a microphone for receiving or an earpiece for generating an acoustic signal via a keypad
27	us 6052603	A	20000418	22	System for interfacing a communication device with a radio for
28	US 6009469	A	19991228	51	hands-free operation Graphic user interface for internet telephony application
29	US 6002946	Α	19991214	16	Handheld device having an optical data reader
30	US 5986609	Α	19991116	14	Multiple frequency band antenna
31	US 5956398	Α	19990921	7	Telephone switching mechanism
32	US 5928000	A	19990727	13	Axially-compliant coaxial connectors and radiotelephones including the same
33	US 5923735	Α	19990713	19	Self-service checkout system utilizing portable self-checkout communications terminal
34	US 5918188	Α	19990629	7	Flip on/off detector

	Current OR	Current XRef
25	455/345	455/90
26	379/433.07	
27		455/569 ; 455/90 ; D13/110
28	709/227	
29	455/557	359/145 ; 359/146 ; 359/159 ; 379/428 ; 379/433 ; 379/433.1 ; 455/556 ; 455/566
30	1 14 1/ /U/	343/700MS ; 343/795
31	379/433.05	379/428 ; 379/433.13 ; 379/440 ; 455/575 ; 455/90
32	439/63	439/700
33	379/93.12	235/472.01 ; 379/110.01 ; 455/557
34	455/575	379/433 ; 379/433.06 ; 379/433.13 ; 455/90

	Document	ID	Issue Date	Pages	Title
35	US 5918180	A	19990629	31	Telephone operable global tracking system for vehicles
36	US 5884185	A	19990316	8	Cordless telephone having a call key capable of performing multiple functions and a method for assigning alternate functions to the call key and performing the
37	US 5884195	A	19990316	8	grounding assembly for programming cellular telephones
38	US 5828343	A	19981027	13	Antenna connector device for a handheld mobile phone
39	US 5825864	A	19981020	10	Personal automatic registration system with call forwarding
40	US 5822427	A	19981013	29	Battery charging for a plurality of different cellular telephone
41	US 5809403	Α	19980915	12	Coaxial cable assembly for a portable phone
42	US 5797088	A	19980818	7	Vehicular audio system incorporating detachable cellular telephone
43	US 5777586	A	19980707	40	Radiation shielding and range extending antenna assembly
44	US 5751804	A	19980512	5	Audio input for flip type telephones
45	US 5732135	A	19980324	20	Asymmetric hinged housing configuration
46	US 5666125	А	19970909	41	Radiation shielding and range extending antenna assembly

	Current OR	Current XRef
35	455/456	340/825.5 ; 340/988 ; 340/989 ; 340/992 ; 701/213 ; 701/222
36	455/550	379/428 ; 379/433 ; 379/433.06 ; 379/433.07 ; 455/425 ; 455/575
37	455/572	455/551
38	343/702	343/906 ; 455/90
39	379/201.06	379/201.1 ; 379/211.02 ; 455/405
40	379/454	340/7.63 ; 379/446
41	455/90	379/433 ; 379/433.11 ; 379/433.13 ; 379/434 ; 455/550 ; 455/575
42	455/345	455/90
43	343/702	343/841 ; 455/90
44	379/433.13	379/433.03 ; 379/434
45	379/433.13	16/229 ; 16/331 ; 379/434
46	343/702	343/841 ; 455/422

	Document	ID	Issue Date	Pages	Title
47	US 5657386	Α	19970812	5	Electromagnetic shield for cellular telephone
48	US 5568538	A	19961022	9	Voice message recorder for use with telephones
49	US 5564085	A	19961008	8	Cellular telephone RF radiation ameliorating device
50	US 5541609	A	19960730	9	Reduced operator emission exposure antennas for safer hand-held radios
					and cellular telephones
51	US 5535274	A	19960709	30	Universal connection for cellular telephone interface
52	US 5524284	Α	19960604	12	Antenna adapter for portable cellular telephone
53	US 5185790	A	19930209	9	Multiposition detenting hinge apparatus
54	US 4930157	A	19900529	6	Telephone handset having apertures for key access
55	US 4675902	A	19870623	6	High performance telephone instrument with combination pulse and tone
					dialing capacity
56	US 4471493	A	19840911	5	Wireless telephone extension unit with self-contained dipole antenna
57	US 4272655	A	19810609	14	Compact telephone set employing slidable actuated supervision switches
58	US 4251696	A	19810217	14	Compact telescoping telephone set

	Current OR	Current XRef
47	379/433.13	361/814 ; 361/818 ; 379/434 ; 379/437 ; 379/451
48	455/412	379/447 ; 379/449 ; 379/67.1 ; 379/88.28 ; 455/90
49	455/117	455/128 ; 455/550 ; 455/90
50	343/702	343/792 ; 343/901 ; 455/575 ; 455/90
51	379/446	379/426 ; 379/454 ; 379/455
52	455/90	343/702 ; 439/916 ; 455/129 ; 455/280 ; 455/349
53	379/433.13	16/321 ; 16/334
54	379/433.07	379/434 ; D14/150
55	379/394	379/387 ; 379/395.01
56	455/562	343/702 ; 455/128 ; 455/129 ; 455/351 ; 455/90 ; 455/97
57	379/424	200/61.72 ; 379/370 ; 379/433 ; 379/433.06 ; 379/433.12
58	379/370	381/180

	Document ID	Issue Date	Pages	Title
				Operation mode changing mechanism for communication device e.g. flip phone
59	WO 200069151 A1	20010402		cum personal digital assistant, has contacts on flip cover, to operate
				switch coupled to microprocessor to change device operation mode
				Cam follower arrangement for flip phone, contains fitting for preventing
60	SE 9801914 A	19991130		sides of piston catch from striking piston channel walls during opening
				or closing of flip cover, in order to eliminate clicking noise
				Mobile telephone apparatus with pivotable protective hatch or flip for
61	WO 9940706 A1	20010730		telephone arranged to physically cover parts of keypad for preventing
				inadvertent keypad
				Flip phone switching mechanism e.g. for cellular, cordless telephone - has
62	US 5956398 A	19990921	7	plunger to open and close circuit as indication of position of flip
				portion of phone with plunger including electrical conductor which
				slidingly contacts

DBs Time Stamp Search Text Hits L# Type (CELLULAR OR WIRELESS OR 2001/07/17 USPAT 10762 BRS L2 1 15:56 MOBILE) AND PHONE USPAT; US-PGP UB; (CELLULAR OR WIRELESS OR 2001/07/17 EPO; 2 BRS L3 17501 15:57 MOBILE) AND PHONE JPO; DERWEN USPAT; US-PGP UB; 2001/07/17 225114 BACKLIGHT\$4 OR LIGHT\$4 OR EPO; 3 BRS L4 15:59 ILLUMINA\$4 JPO; DERWEN Т USPAT; US-PGP UB; 2001/07/17 EPO; L5 670578 KEYPAD OR KEY PAD 4 BRS 16:00 JPO; DERWEN Т USPAT; US-PGP UB; 2001/07/17 EPO; 5 FLIP AND 5 BRS L6 20672 16:01 JPO; DERWEN T USPAT; US-PGP UB; 2001/07/17 EPO; 6 BRS Ь7 8706 4 AND 6 16:15 JPO; DERWEN Т USPAT; US-PGP UB; 2001/07/17 EPO; 210 3 AND 7 7 BRS L8 17:17 JPO; DERWEN Т

	Туре	L#	Hits	Search Text	DBs	Time Stamp
8	BRS	L9 .	889223	POWER\$4		2001/07/17 17:08
9	BRS	L10	179	POWER\$3 NEAR ON		2001/07/17 17:09
10	BRS	L11	0	8 AND 10		2001/07/17 17:10
11	BRS	L12	684	SWITCH\$4 NEAR ON	· [• []] .	2001/07/17 17:10
12	BRS	L13	0	8 AND 12	: r. P();	2001/07/17 17:10
13	BRS	L14	109	FLIP NEAR PHONE	USPAT; US-PGP UB; EPO; JPO; DERWEN	2001/07/17 17:58
14	BRS	L15	64	6 AND 14	USPAT; US-PGP UB; EPO; JPO; DERWEN T	2001/07/17 17:58

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2001/07/17 11:29	USPAT; US-PGP UB; EPO; JPO; DERWEN T	(455/566).CCLS.	329 '	L12	BRS	12
2001/07/17	USPAT; US-PGP UB; EPO; JPO; DERWEN T	(455/556).CCLS.	202	L11	BRS	1 1
2001/07/17	USPAT; US-PGP UB; EPO; JPO; DERWEN T	(341/22-23).CCLS.	1721	L10	BRS	10
2001/07/17	USPAT; US-PGP UB; EPO; JPO; DERWEN T	(345/169-170).CCLS.	400	L9	BRS	V
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	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
Ъ	US 6256519 B1	20010703	· ·	Cordless telephone with corded operability	455/572	455/462 ; 455/557 ; 455/575
12	US 6243595 B1	20010605	11	Portable wireless communication device having an extendible section	455/566	/575 55/9
ω	US 6243593 B1	20010605	61	Module for providing wireless call communication services through wire-connected telephone	455/553	455/414 ; 455/419 ; 455/426 ; 455/445 ; 455/552
4.	US 6233467 B1	20010515	Ŋ	Mobile phone display	455/566	455/550 ; 455/569 ; 455/572 ; 455/575
G	US 6232937 B1	20010515	67	ower active display	345/87	/100 45/9 45/9
0	US 6223052 B1	20010424	5	Radio telephone with removable memory modules and module prioritization	455/551	/575
7	US 6212408 B1	20010403	23	Voice command system and ,method	455/563	379/355 379/355.01 379/88.01 379/88.02 379/88.03 455/460 455/560 455/564 455/565
ο ω	US 6205343 B1 2			Peak current reduction in a cordless telephone handset	155/574	/311
		T OTTOTO	T 0 T	Display apparatus 3	45/102	

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	13	12	1 1	10	
	US 6125286 A	US 6144358 A	US 6144848 A	US 6151510 A	Document ID
	20000926 1	20001107 8	20001107	20001121	Issue Date
	14		4 5	60	Pages
The same	Communication device having multiple displays and method of operating	Mutti-display electronic devices having open and closed configurations	ld remote computer l and methods for l interactive eal-time munications	Module for providing wireless call communication services through wire-connected telephone equipment	Title
	55/566	45/102	455/419	455/553	Current OR
	379/433 ; 379/433.04 ; 455/90	17 5/ 9/	235/379 ; 235/380 ; 235/462.15 ; 235/472.01 ; 340/5.91 ; 379/102.01 ; 379/106.01 ; 380/257 ; 380/257 ; 380/270 ; 380/270 ; 380/270 ; 380/270 ; 380/270 ; 755/414 ; 455/414 ; 455/414 ; 455/414 ; 705/64 ; 705/64 ; 705/73 ; 713/150 ; 713/153	455/414 ; 455/419 ; 455/426 ; 455/445 ; 455/552	Current XRef

19	18	Т н	- L-1	1		
		17	16	15	14	
US 6073031 A 2	US 6073033 A	US 6073034 A	US 6094565 A	US 6107970 A	US 6122526 A	Document ID
20000606 1	20000606 1	20000606	20000725	20000822	20000919	Issue Date
10	14	. 54	10	13	11	Pages
station for ess telephone	Portable telephone with integrated heads-up display and data terminal	Wireless telephone display system	Closeable communication device and method of operating the same	Integral antenna assembly and housing for electronic device	Cellular telephone and electronic camera system with programmable	Title
455/557	455/566	455/566	455/90	343/702	455/556	Current OR
455/418 455/561 455/569 455/572 455/575	348/14.02 ; 455/568 ; 455/569	20 55 55 55 55 55 55 55 55 55 55 55 55 55	799555555555555555555555555555555555555	55 55 55	725/105	Current XRef

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$\overline{}$		Document ID	Issue Date	Pages	Title	Current OR	Current XRef
N	26	US 5983073 A	19991109	19	Modular notebook and PDA computer systems for personal computing and	455/11.1	455/556 ; 455/557 ; 455/569
					wireless_communications_		<u> </u>
27		US 5977887 A	19991102	8	Data storage apparatus	341/26	341/23 ; 345/168 ; 700/84 ; 708/142
28		US 5966671 A	19991012	<u></u>	Radiotelephone having an auxiliary actuator and method for operating	455/575	455/566
N	9	US 5926119 A	19990720	5	Numeric keypad configuration	341/22	379/368
ω 0		US 5900867 A	19990504	υ υ	Self identifying remote control device having a		345/169
					use in a computer		; 725/37 ; 725/59
31		US 5898933 A	19990427	28	Apparatus and method for generating a control signal responsive to a	455/575	455/574 ; 455/90
32		US 5894298 A	19990413	9 1	Display apparatus	345/102	
$\frac{\omega}{\omega}$		US 5890061 A	19990330	13	message triction	55/404	455/321 ; 455/403 ; 455/414
34		US 5878353 A]	19990302 9		Radio frequency communication device including a mirrored surface	455/550	/566

43 US 5	42 US 5	41 US 5	40 US !	39 US	38 US	37 US	36 US	35 US	0
5752195 A	5805158 A	5815126 A	5815228 A	5815807 A	5815820 A	5835863 A	5867772 A	5870683 A	Document ID
19980512	19980908	19980929	19980929	19980929	19980929	19981110	19990202	19990209	Issue Date
22	23	75	12	25	26	11	10	15	Pages
Cordless telephone terminal 4	Copying predicted input between computer systems	Monocular portable communication and display system	ing for liquid crystal ays	dapted	Transmitter having adjustable power levels responsive to the position of a movable antenna	Wireless telephone for cellular telephone system	Cellular telephone assembly and method for assembling a cellular	Mobile station having method and apparatus for displaying user-selectable animation seguence	Title
455/462	345/764	345/8	349/71	455/410	455/575	455/567	455/90	455/566	Current OR
379/142 ; 379/142.06 ; 379/142.17 ; 455/415 ; 455/566	345/169 ; 345/173 ; 345/811 ; 345/905 ; 707/507	345/7	345/102 ; 345/5 ; 362/84	455/407 ; 455/550 ; 455/575	343/702; 455/90	455/566 ; 455/575	455/550 ; 455/575	455/575	Current XRef

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	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
44	US 5729221 A	19980317	6	Keypad configuration	341/22	: _1
45	US 5708840 A	19980113	62	Micro personal digital assistant	708/105	341/137 ; 345/169 ; 710/101
4 6	US 5708428 A	19980113	9	Method and apparatus for providing backlighting for keypads and LCD	341/22	200/314 ; 340/815.45 ; 379/368
				Hand-held portable computer having an electroluminescent flat-panel		/156
47	US 5634080 A	19970527	78	display with pixel elements at right angles to the plane of the display and an excitation	710/73	; 361/686 ; 455/575 ; 709/253 ; 710/101
				: :)		
4 8	US 5606597 A	19970225	1 7	User programmable	 - -	355 9/35 9/35
			***************************************	configuration of a telephone	455/464	55/55 55/55
						55/5 55/5
			,		-	/426
49	US 5594782 A	1997011/	*************	e mode personal		55/4
,	7 7 7 7		о́ <u>г</u>	wireless communications system	455/417	55/5
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		H	7	cordress rerephone terminal	455/415	יטינ
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	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
51	US 5566224 A	19961015	9	Radio frequency communication device including a mirrored surface	455/566	359/839 ; 455/345 ; 455/347 ; 455/90
52	US 5555550 A	19960910		Keypad apparatus with integral display indicators	455/566	/22 45/1 79/3
53	US 5247700 A	19930921		Cellular telephone with pager	455/552	54/21
54	US 5237607 A	19930817		Lighted telephone dial	379/419	/88 79/36 79/38 79/43:
55	US 5175759 A	19921229		Communications device with movable element control interface	455/569	7566 55/574 55/575 04/270
5 6	US 5103474 A	19920407		Drive-by personnel monitoring system with radio link	455/403	
57	US 5095503 A	19920310) h < 0	troller	455/563	354
58	US 4982424 A 1	19910101	п <u>г</u> . п	Telephone having receive call indicating function and mute/light key	379/376.01 ;	396 5/56 5/56

	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
						o
59	US 4845772 A 19890704	19890704		Portable radiotelephone with control switch disabling	455/574	; 379/433.06 ; 379/433.13 ; 455/90